

## Insects from Kaula Island

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(Presented at the meeting of Sept. 1, 1932)

Mr. Edward L. Caum collected a few specimens of insects on Kaula Island, which lies about 20 miles southwest of Niihau, August 18, 1932. The island is the remains of an ash or tuff cone, about a mile from one extremity of the crescent-shaped ridge to the other, and rising precipitously to a height of about 600 feet, from an extensive submarine platform. (See Palmer, B. P. Bishop Museum Bulletin 35, 1927.)

No insects have been previously reported from Kaula, the Tanager Expedition having been unable to land in 1923. The present list contains fifteen species, most of which are immigrants, widespread throughout the Hawaiian group.

### HYMENOPTERA

**Holepyris hawaiiensis** (Ashmead), 1 specimen (Det. by O. H. Swezey).

**Eupelmus** sp., 1 male and therefore not to be determined (O. H. Swezey).

**Prenolepis longicornis** Latr., 4 specimens on flowering Euphorbia.

**Monomorium floricola** Jerdan, numerous specimens on all the plants, especially the Euphorbia and Sida, which were in flower.

### DIPTERA

**Scenopinus fenestralis** (Linn.), 2 specimens, found inside Sida blossoms.

**Sarcophaga barbata** Thomson, 1 specimen, the only one seen.

**Lucilia sericata** (Meigen), 11 specimens, "common everywhere, especially swarming on the flowers of Euphorbia."

**Siphunculina signata** (Woll.), 1 specimen, found in Sida blossom.

### COLEOPTERA

**Coelophora inaequalis** (Fabr.), 1 specimen, the only one seen.

**Scymnus kinbergi** Boh., 1 specimen on Euphorbia.

LEPIDOPTERA

**Petrochroa** sp. 1 specimen, too much abraded for determination, but possibly identical with an undescribed species from Oahu, or with *P. neckerensis*. (O. H. Swezey.)

HOMOPTERA

**Delphacid**, 1 small nymph, probably on *Sida* blossoms.

THYSANOPTERA

**Haplothrips usitatus** (Bagn.), 4 specimens (Det. by O. H. Swezey.)

EMBIIDINA

**Oligotoma insularis** McLachlan, 2 specimens in the thin mat of roots and soil under plants.

CHELONETHIDA

**Pseudoscorpions**, 4 specimens in soil under plants.